AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A medical information system comprising:

a patient server ~~that can~~ operable to receive vital information, retain the received vital information, and transmit the retained vital information; ~~and~~

a medical care provider server connected to ~~the~~ said patient server through a first network, ~~the~~ said medical care provider server being ~~capable of retaining~~ operable to receive the vital information from said patient server through the first network, retain the received vital information, ~~received from the patient server through the first network~~ and ~~allowing~~ allow the retained vital information to be browsed;

a patient terminal connected to said patient server through a second network, said patient terminal being operable to transmit the vital information to said patient server through the second network; and

a doctor terminal connected to said medical care provider server through a third network, said doctor terminal being operable to browse the vital information retained in said medical care provider server through the third network.

2. **(Cancelled)**

3. **(Currently Amended)** A medical information system according to ~~claim 2~~claim 1, further comprising a sensor for measuring vital data, wherein the vital information includes a measurement value by ~~the~~ said sensor.

4. **(Currently Amended)** A medical information system according to ~~claim 2~~claim 1, wherein:

~~the~~ said doctor terminal ~~can~~ is operable to transmit an inquiry regarding a health status of a patient to ~~the~~ said medical care provider server through the third network;~~,~~

~~wherein the~~ said medical care provider server ~~can~~ is operable to transmit the inquiry received from ~~the~~ said doctor terminal to ~~the~~ said patient server through the first network;~~,~~

~~wherein the~~said patient server ~~can~~ is operable to transmit the inquiry received from ~~the~~ said medical care provider server to ~~the~~ said patient terminal through the second network~~;~~, and

~~wherein~~ the vital information transmitted from ~~the~~ said patient terminal to ~~the~~ said patient server through the second network includes a reply to the inquiry transmitted to ~~the~~ said patient terminal.

5. **(Currently Amended)** A medical information system according to ~~claim 2~~claim 1, further comprising:

a first unauthorized access prevention section provided in the first network;

a second unauthorized access prevention section provided in the second network; and

a third unauthorized access prevention section provided in the third network,

wherein ~~the~~ said first and third unauthorized access prevention sections have higher security levels than ~~that~~ a security level of ~~the~~ said second unauthorized access prevention section.

6. **(Currently Amended)** A medical information system according to claim 5, wherein:

~~the~~ said first unauthorized access prevention section ~~is provided with~~ comprises a firewall and a virtual private network~~;~~,

~~wherein the~~ said second unauthorized access prevention section ~~is provided with~~ comprises a remote access server~~;~~, and

~~wherein the~~ said third unauthorized access prevention section ~~is provided with~~ comprises a terminal authentication server.

7. **(Currently Amended)** A medical information system according to ~~claim 2~~claim 1, wherein ~~the~~ said patient server and ~~the~~ said medical care provider server are respectively clustered.

8. **(Currently Amended)** A medical information system comprising:

a plurality of patient servers ~~that can~~operable to receive vital information, retain the received vital information, and transmit the retained vital information;

a medical care provider server connected to ~~the~~ said plurality of patient servers through a first network, ~~the~~ said medical care provider server being ~~capable of retaining~~ operable to receive the vital information from said plurality of patient servers through the first network, retain the received vital information, ~~received from the patient servers through the first network~~ and ~~allowing~~ allow the retained vital information to be browsed;

a plurality of patient terminals respectively connected to ~~the~~ said plurality of patient ~~server~~ servers through a second network, ~~the~~ said patient terminals being ~~capable of transmitting~~ operable to transmit the vital information to ~~the~~ said patient server through the second network; and

a doctor terminal connected to ~~the~~ said medical care provider server through a third network, ~~the~~ said doctor terminal being ~~capable of browsing~~ operable to browse the vital information retained in ~~the~~ said medical care provider server through the third network.

9. **(Currently Amended)** A medical information system comprising:

a patient server ~~that can~~ operable to receive vital information, retain the received vital information, and transmit the retained vital information;

a plurality of medical care provider servers respectively connected to ~~the~~ said patient server through a first network, ~~the~~ said medical care provider servers being ~~capable of retaining~~ operable to receive the vital information from said patient server through the first network, retain the received vital information, ~~received from the patient server through the first network~~ and ~~allowing~~ allow the retained vital information to be browsed;

a patient terminal connected to ~~the~~ said patient server through a second network, ~~the~~ said patient terminal being ~~capable of transmitting~~ operable to transmit the vital information to ~~the~~ said patient server through the second network; and

a plurality of doctor terminals respectively connected to ~~the~~ said plurality of medical care provider servers through a third network, ~~the~~ said plurality of doctor

terminals being ~~capable of browsing~~ operable to browse the vital information retained in ~~the~~ said medical care provider servers through the third network.

10. **(New)** A medical information system according to claim 8, wherein said plurality of patient terminals include a sensor for measuring vital data, and the vital information includes a measurement value by said sensor.

11. **(New)** A medical information system according to claim 8, wherein:

said doctor terminal is operable to transmit an inquiry regarding a health status of a patient to said medical care provider server through the third network;

said medical care provider server is operable to transmit the inquiry received from said doctor terminal to at least one of said patient servers through the first network;

said at least one patient server is operable to transmit the inquiry received from said medical care provider server through the second network to a corresponding one of said plurality patient terminals connected to said at least one patient server; and

the vital information transmitted from said corresponding one of said patient terminals to said at least one patient server through the second network includes a reply to the inquiry transmitted to said corresponding one of said patient terminals.

12. **(New)** A medical information system according to claim 8, further comprising:

a first unauthorized access prevention section provided in the first network;

a second unauthorized access prevention section provided in the second network; and

a third unauthorized access prevention section provided in the third network,

wherein said first and third unauthorized access prevention sections have higher security levels than a security level of said second unauthorized access prevention section.

13. **(New)** A medical information system according to claim 12, wherein:

said first unauthorized access prevention section comprises a firewall and a virtual private network;

said second unauthorized access prevention section comprises a remote access server; and

said third unauthorized access prevention section comprises a terminal authentication server.

14. **(New)** A medical information system according to claim 9, wherein said patient terminal includes a sensor for measuring vital data, and the vital information includes a measurement value by said sensor.

15. **(New)** A medical information system according to claim 9, wherein:

said plurality of doctor terminals are each operable to transmit an inquiry regarding a health status of a patient through the third network to a respective one of said plurality of medical care provider servers to which said plurality of doctor terminals are connected;

said plurality of medical care provider servers are each operable to transmit the inquiry received from a corresponding one of said plurality of doctor terminals connected thereto to said patient server through the first network;

said patient server is operable to transmit each inquiry received from said medical care provider servers to said patient terminal through the second network; and

the vital information transmitted from said patient terminal to said patient server through the second network includes a reply to the inquiry transmitted to said patient terminal.

16. **(New)** A medical information system according to claim 9, further comprising:

a first unauthorized access prevention section provided in the first network;

a second unauthorized access prevention section provided in the second network; and

a third unauthorized access prevention section provided in the third network,

wherein said first and third unauthorized access prevention sections have higher security levels than a security level of said second unauthorized access prevention section.

17. **(New)** A medical information system according to claim 16, wherein:

said first unauthorized access prevention section comprises a firewall and a virtual private network;

said second unauthorized access prevention section comprises a remote access server; and

said third unauthorized access prevention section comprises a terminal authentication server.